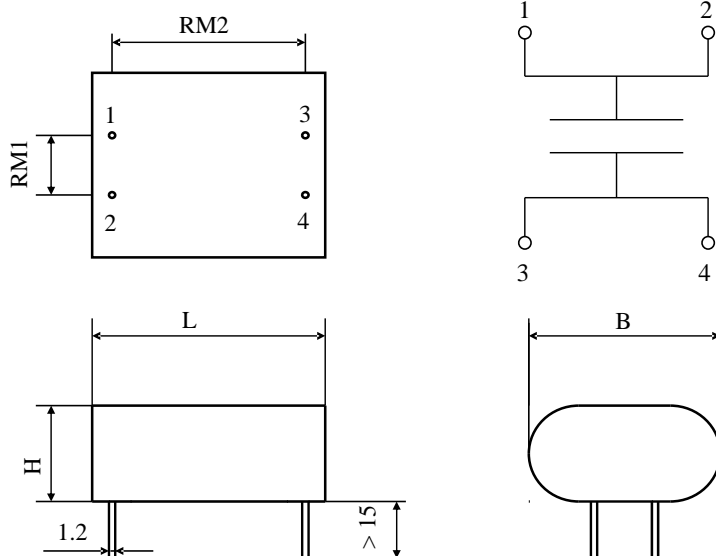


#6224


## Power Electronics Capacitors

MKT-4 50-28.0 a K



Dielectric of metallized polyester

Polyester wrapped flammability UL 510 / Epoxy resin sealing UL 94-V0

Parameter	Symbol	Value	Unit	Condition	
Capacitance	C	28	$\mu\text{F}$	1 V / 1 kHz	
Tolerance		$\pm 10$	%		
Rated voltage	Ur	500	VDC	85°C	
RMS current	I RMS max.	20	Aeff	100 kHz / 100°C	
slope of voltage variation	du/dt max.	14	V/ $\mu\text{sec}$	max. repetitive	
Repetitive surge current	I cr. max	392	A		
Tangente delta	tg $\delta$	$\leq 90$	$10^{-4}$	1 kHz	
Equivalent serie resistance	ESR	$\leq 4.7$	m $\Omega$	100 kHz	
Stray inductance	ESL	$\leq 15$	nH		
Insulation resistance	Ri	$> 357$	M $\Omega$	500 VDC - 1 min	
Test voltage between terminals	U T1	800	VDC	10 s	
Climatic category		55/125/21			
Dimension	Symbol	Value	Unit	Conditions	
Width	B max	43	mm		
Height	H max	28	mm		
Length	L max	55	mm		
<b>Terminals</b>					
Radial tinned wire	$\varnothing$	1.2	mm		
RM1		$12.7 \pm 0.7$	mm		
RM2		$50.8 \pm 0.7$	mm		
	M1				
	M0				
	Modification	Date	Visa émetteur		
Condensateurs	CH 1400 Yverdon, Switzerland				
Kondensatoren	Tel.: ++41 24 445 66 88			www.Lcap.ch	capinfo@Lcap.ch
Capacitors	Fax: ++41 24 445 66 89			23.10.2013	faisab6224.XLS

HJJ